(0)	date.		(x) = 8 p = 1 (x) - c#	(2) - (2)	24	1+4n /2 - 22	Dr
	title. 45-32,1	#1-(b), y= = = f(a)	(5) - (5)	(da a==================================	-01	- mil 2	lando

#1-d)
$$y = \sqrt{\alpha^2 + 1} = g(\alpha)$$

$$| \frac{dy}{d\alpha} |_{\alpha=2} = g(2)$$

$$= | \frac{g(2+b\alpha) - g(2)}{b\alpha^2}$$

$$=\lim_{\alpha\to\infty}\sqrt{(2+\alpha\kappa)^2+1}-\sqrt{2^2+1}$$

=
$$\lim_{\Delta \alpha \to 0} \frac{(\alpha + \Delta \alpha)}{\Delta \alpha} = 1 + \sqrt{1 + \sqrt{1 + \Delta \alpha}}$$